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Applicant(s):

John R. Desjarlais

Serial No.:

10/071,859

Filed:

February 6, 2002

For:

APPARATUS AND METHOD FOR DESIGNING PROTEINS AND  
PROTEIN LIBRARIES

Examiner:

Not Yet Assigned

Art Unit:

2857

Docket No.:

823.0093USQ

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

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Dear Sir:

Transmitted herewith is:

1. Information Disclosure Statement;
2. PTO Form 1449 with copies of patents;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: September 16, 2002

Paul D. Greeley, Esq.  
Reg. No. 31,019  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, Connecticut 06901-2682  
(203) 327-4500

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON SEPTEMBER 16, 2002.

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9/29/02

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application. This Information Disclosure Statement is being filed:

- \_\_\_ Within three (3) months of the filing date of the national application;
- \_\_\_ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- XXX** Before the mailing date of a first Office Action on the merits;
- \_\_\_ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

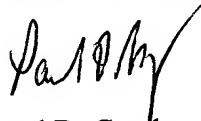
After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1).

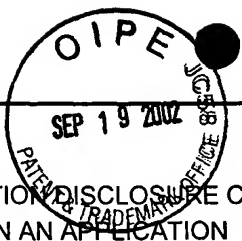
It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Date: September 16, 2002

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One Landmark Square, 10th Floor  
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Sheet 1 of 10.

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	823.0093USQ	10/071,859
	Applicant	
	John R. Desjarlais	
Filing Date	Group Art Unit	
February 6, 2002	2857	

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,965,408	10/12/99	Short	435	91.1	
	6,171,820	1/9/01	Short	435	69.1	
	5,939,250	8/17/99	Short	435	4	
	5,644,048	1/1/97	Yau	536	25.3	
	5,034,506	7/23/91	Summerton et al.	528	391	
	5,235,033	8/10/93	Summerton et al.	528	391	
	4,469,863	9/4/84	Ts'o et al.	536	27	
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	5,637,684	6/10/97	Cook et al.	536	23.1	
	5,386,023	1/31/95	Sanghvi et al.	536	25.3	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 94/24314	10/27/94	PCT	C12Q	1/68		
	WO 97/27213	7/31/97	PCT	C07K	1/04		
	WO 97/27212	7/31/97	PCT	C07K	1/04		

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

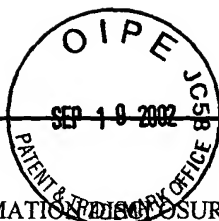
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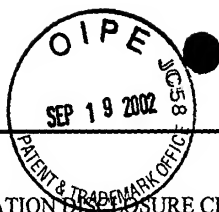
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	Liwo et al. "A united-residue force field for off-lattice protein-structure simulations. I. Functional Forms and Parameters of long-range side-chain interaction potentials from protein crystal data." J. Comp. Chem., Vol. 18, No. 7, 849-873.
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	Fischer et al. "Protein fold recognition using sequence-derived predictions." Protein Science, Vol. 5, 1996, 947-955.
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